

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 9, 1957

The number of reported cases of measles for the country as a whole exceeds that of 1956 by less than 10 percent. There is a wide variation of cases reported in the individual States and also in comparison with those reported in 1956. The chart on page 8 shows the numbers of cases reported in each State during the first 10 weeks of 1957 compared with those for the same period of 1956. For a short discussion of measles incidence, see the report for the week ended February 27, 1957.

Although the peak incidence of measles usually occurs sometime in April, indications are that the peak has been reached in a number of States. The Hawaii Department of Health has reported the highest incidence in the Territory for January since 1952, when 3,441 cases were reported during the first month. The number for January 1957 was 1,887. Since the first week in January, when 456 cases (319 in Oahu) were reported, there has been a decrease in incidence. For the current week 291 cases were reported in Hawaii.

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The following information has been received by the Influenza Information Center.

Dr. W. R. Geidt, Washington State Department of Health, states that the Seattle-King County Health Department has reported serologic confirmation of 8 cases of influenza A-prime which occurred among university students during the first part of February.

Information has been received from the Public Health Service Regional Office in Denver that an outbreak of influenza has been occurring among students of a university and school children in a nearby county. About 10 percent of the students in the university are estimated to have had the disease. Symptoms have included fever of about 101 or 102 degrees but no serious

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	10th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 9, 1957	Ended Mar. 10, 1956	Median 1952-56	First 10 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	1 <sup>1</sup>	-	-	6	7	6	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	4	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	12	16	28	141	166	256	(2)	(2)	(2)	(2)
Diphtheria-----055	13	44	55	206	424	435	961	1,754	1,754	July 1
Encephalitis, infectious-----082	21	31	22	188	213	202	1,752	1,135	1,135	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	351	556	561	3,902	5,173	6,244	9,101	12,676	---	Sept. 1
Malaria-----110-117	-	-	5	14	26	62	(2)	(2)	(2)	(2)
Measles-----085	18,544	20,330	21,703	127,112	119,150	122,870	164,316	148,248	154,211	Sept. 1
Meningococcal infections-----057	65	67	122	561	771	1,121	1,292	1,694	2,346	Sept. 1
Meningitis, other-----340	32	39	---	324	309	---	---	---	---	---
Polomyelitis-----080	30	66	66	429	856	1,104	14,762	29,063	35,667	Apr. 1
Paralytic-----080.0,080.1	15	30	---	230	474	---	6,355	10,651	---	Apr. 1
Nonparalytic-----080.2	12	16	---	126	221	---	5,719	11,029	---	Apr. 1
Unspecified-----080.3	3	20	---	73	161	---	2,688	7,383	---	Apr. 1
Psittacosis-----096.2	7	5	2	48	60	51	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	3	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	24	24	206	248	248	1,653	1,667	2,123	Apr. 1
Typhus fever, endemic-----101	-	-	1	22	11	19	(2)	(2)	(2)	(2)
Rabies in animals-----	99	99	182	1,029	1,090	1,640	1,993	2,117	3,155	Oct. 1

<sup>1</sup>Reported in Pennsylvania.

<sup>2</sup>Data show no pronounced seasonal change in incidence.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

## Morbidity and Mortality Weekly Report

## EPIDEMIOLOGICAL REPORTS—Continued

complications have been encountered. The outbreak, which is described as A-prime influenza, is being investigated by the Public Health Service Rocky Mountain Laboratory.

Dr. A. P. McKee, University of Iowa, has reported that type A influenza virus was isolated from throat washings of four university students. Serologic confirmations of the diagnosis of influenza have also been made. The epidemic began about February 6 and has reached its peak.

Dr. K. Hummeler, Children's Hospital, Philadelphia, reports that 3 strains of influenza A-prime virus were isolated from students in a college located in eastern Pennsylvania. About 50 cases were observed in the college with an enrollment of 650. The outbreak began late in February and lasted about 10 days. The illness was characteristic of influenza with sudden onset, fever up to 102 and 103 degrees, and pharyngitis.

The Preventive Medicine Division, OSG, Department of the Army, has been notified by the First Army Medical Laboratory that of 7 paired sera tested, 4 were positive for influenza A (including A-prime). Three of the sera were from personnel in New Hampshire and 1 was from a person stationed in New York.

The Division of Preventive Medicine, Bureau of Medicine and Surgery, Department of the Navy, states that of 19 paired sera from individuals in the Norfolk, Va., area taken in February, 8 were positive for influenza A (including A-prime).

The Preventive Medicine Division, OSG, Department of the Air Force, has received a report of the serologic diagnosis of influenza A in three persons, members of a single family. The complement fixation test was used in confirming these cases.

The British Ministry of Health has stated in its Weekly Influenza Statement for February 23 that there is still little evidence of outbreaks of influenza in England and Wales except those already reported in service units. Four further suspected outbreaks in service units are under investigation.

Psittacosis

Dr. H. T. Fuerst, New York City Department of Health, has reported a case of psittacosis in a 34-year-old woman. Early in January, she became ill with fever, chills, headache, and generalized aching. A chest X-ray showed left central pneumonia. A diagnosis of psittacosis was confirmed by complement fixation tests on blood specimens from the patient. The patient had purchased a parakeet from a local department store in December. The bird, which never appeared well, died 8 days after purchase, and was returned to the dealer, who disposed of it. The original source of the bird was traced to Texas. At the time of the investigation, there were 130 birds in the store; all were examined and found to be in good condition.

Salmonellosis

Information has been received that an outbreak of salmonella infection occurred in an institution located in the Washington, D. C. metropolitan area. The first patient had loose stools on January 8, and Salmonella tennessee was isolated from a specimen. Since that time about 20 patients, some of whom had diarrhea, were found to be infected with the same type of organism. Of a total of 200 employees, 15 have had positive stools. Some of these had clinical symptoms including 1 who was hospitalized with fever and diarrhea. Specimens of water and food were obtained and one sample of frozen egg yolk yielded a strain of S. tennessee. In the institution, frozen egg yolk had been used in the preparation of filling for cake, but this product ordinarily is used only in food that is baked.

Gastro-enteritis

Dr. Felix A. Tornabene, Illinois Department of Public Health, has reported an outbreak of gastro-enteritis among persons who ate chocolate eclairs. Approximately 11 persons became ill with gastro-intestinal disturbances from 2 to 4 hours after eating the pastries. The eclairs had been purchased from various grocery stores which obtained their supplies from a local bakery. An investigation at the bakery revealed that 6 gallons of flavored cream for the eclairs were made at noon on February 16. The cream was allowed to cool at room temperature until 3:00 a.m. the following morning when the eclairs were filled. They were not refrigerated where made nor in the grocery stores where sold. Bacteriologic examination of cream for the eclairs revealed the presence of coagulase-positive, mannite fermenting, hemolytic Staphylococcus aureus. The only washing facility on the first floor was a bathtub with ordinary bathtub faucets. It was recommended that the owner provide proper handwashing facilities. It was also noted that the toilet facilities were in the basement.

## QUARANTINE MEASURES

Immunization Information for International Travel  
Public Health Service Publication No. 384

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Austin Travis County Health Unit, 1313 Sabine St., Austin, Texas	Wednesday, 3:30-4:30 p. m. By appointment only	Yes

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 10, 1956 AND MARCH 9, 1957

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		10th week		Cumulative first 10 weeks		082		10th week		Cumulative first 10 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	12	16	13	44	206	424	21	31	351	556	3,902	5,173
NEW ENGLAND-----	-	-	-	1	4	3	1	2	16	38	233	347
Maine-----	-	-	-	-	1	-	-	-	8	5	72	85
New Hampshire-----	-	-	-	-	-	1	-	-	-	6	4	10
Vermont-----	-	-	-	-	-	-	-	-	3	1	45	53
Massachusetts-----	-	-	-	1	3	2	-	1	3	11	65	74
Rhode Island-----	-	-	-	-	-	-	-	-	1	4	21	40
Connecticut-----	-	-	-	-	-	-	1	1	1	11	26	85
MIDDLE ATLANTIC-----	1	-	-	5	8	14	5	9	51	93	499	993
New York-----	-	-	-	1	4	5	4	8	33	52	259	562
New Jersey-----	-	-	-	3	2	4	1	1	6	11	85	88
Pennsylvania-----	1	-	-	1	2	5	-	-	12	30	155	343
EAST NORTH CENTRAL-----	1	3	3	4	17	84	3	2	75	100	762	798
Ohio-----	-	-	1	-	4	9	-	-	18	17	205	197
Indiana-----	-	-	1	2	2	37	-	-	13	11	75	112
Illinois-----	-	1	-	-	-	-	2	-	15	48	179	213
Michigan-----	-	2	-	2	10	38	1	2	22	17	226	181
Wisconsin-----	1	-	1	-	1	-	-	-	7	7	77	95
WEST NORTH CENTRAL-----	6	7	1	8	25	49	1	-	19	47	273	488
Minnesota-----	-	1	1	4	18	18	-	-	5	22	93	133
Iowa-----	3	4	-	-	1	11	-	-	7	4	59	126
Missouri-----	-	-	-	3	-	3	-	-	2	1	53	21
North Dakota-----	1	-	-	-	-	-	-	-	-	3	46	49
South Dakota-----	-	2	-	-	4	1	-	-	3	4	12	83
Nebraska-----	2	-	1	1	16	16	-	-	2	1	6	33
Kansas-----	-	-	-	-	1	-	1	-	-	12	4	43
SOUTH ATLANTIC-----	2	3	1	3	58	85	-	3	44	21	278	292
Delaware-----	-	-	-	-	-	-	-	-	2	-	4	4
Maryland-----	-	-	-	-	1	-	-	-	8	1	31	28
District of Columbia-----	-	-	-	-	-	1	-	-	-	-	7	6
Virginia-----	1	2	-	-	-	12	-	1	10	9	104	130
West Virginia-----	-	-	-	-	1	3	-	-	6	4	26	16
North Carolina-----	1	-	-	1	10	16	-	2	3	3	23	34
South Carolina-----	-	-	-	-	10	8	-	-	3	1	10	9
Georgia-----	-	1	-	2	16	19	-	-	3	1	34	33
Florida-----	-	-	1	-	20	26	-	-	9	2	39	32
EAST SOUTH CENTRAL-----	1	-	3	4	33	62	2	3	27	53	587	441
Kentucky-----	1	-	-	8	4	4	1	-	6	20	222	126
Tennessee-----	-	-	1	3	11	11	1	1	9	26	256	225
Alabama-----	-	-	3	2	11	39	-	1	5	4	59	42
Mississippi-----	-	-	-	1	11	8	-	1	7	3	50	48
WEST SOUTH CENTRAL-----	-	3	4	15	48	95	1	1	32	57	247	338
Arkansas-----	-	-	-	3	6	6	-	-	-	7	27	31
Louisiana-----	-	-	-	2	8	8	-	-	-	3	14	16
Oklahoma-----	-	1	-	10	9	31	-	-	3	2	32	21
Texas-----	-	2	4	5	34	50	1	1	29	45	174	270
MOUNTAIN-----	1	-	1	3	8	10	-	1	32	73	339	644
Montana-----	-	-	-	-	2	-	-	1	1	14	29	192
Idaho-----	-	-	-	-	1	-	-	-	1	8	26	73
Wyoming-----	-	-	-	1	1	1	-	-	-	-	7	31
Colorado-----	-	-	1	2	1	2	-	-	2	18	57	130
New Mexico-----	-	-	-	-	3	1	-	-	17	25	107	60
Arizona-----	1	-	-	-	-	5	-	-	9	8	76	136
Utah-----	-	-	-	-	-	1	-	-	2	-	17	21
Nevada-----	-	-	-	-	-	-	-	-	-	-	20	1
PACIFIC-----	-	-	1	5	22	8	10	55	74	684	832	
Washington-----	-	-	-	-	1	-	-	6	5	112	181	
Oregon-----	-	-	1	1	7	-	-	8	11	147	160	
California-----	-	-	-	4	14	8	9	41	58	425	491	
Alaska-----	-	-	-	-	-	-	-	-	3	21	16	
Hawaii-----	-	-	-	-	-	-	-	-	-	7	15	
Puerto Rico-----	-	-	2	1	6	12	-	-	1	5	21	52

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 10, 1956 AND MARCH 9, 1957—Continued  
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	10th week		Cumulative first 10 weeks		080.0,080.1		080.2		110-117		085	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	30	66	429	856	15	30	12	16	-	-	18,544	20,330
NEW ENGLAND-----	1	-	4	31	-	-	1	-	-	-	853	235
Maine-----	-	-	1	6	-	-	-	-	-	-	217	13
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	70	-
Vermont-----	-	-	1	5	-	-	-	-	-	-	105	42
Massachusetts-----	1	-	1	16	-	-	1	-	-	-	202	145
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	9	4
Connecticut-----	-	-	2	-	-	-	-	-	-	-	250	31
MIDDLE ATLANTIC-----	2	2	16	61	-	1	1	-	-	-	2,459	2,638
New York-----	2	2	12	44	-	1	1	-	-	-	1,085	914
New Jersey-----	-	-	2	5	-	-	-	-	-	-	855	430
Pennsylvania-----	-	-	2	12	-	-	-	-	-	-	519	1,294
EAST NORTH CENTRAL-----	1	9	50	63	-	3	1	1	-	-	3,075	6,132
Ohio-----	-	6	10	16	-	-	-	1	-	-	241	1,196
Indiana-----	-	-	11	6	-	-	-	-	-	-	280	527
Illinois-----	-	1	7	6	-	1	-	-	-	-	501	2,097
Michigan-----	1	2	16	24	-	2	1	-	-	-	746	1,189
Wisconsin-----	-	-	6	11	-	-	-	-	-	-	1,307	1,123
WEST NORTH CENTRAL-----	1	6	40	45	1	1	-	3	-	-	972	780
Minnesota-----	-	2	1	5	-	-	-	2	-	-	452	18
Iowa-----	-	1	3	11	-	-	-	1	-	-	170	181
Missouri-----	-	1	11	12	-	-	-	-	-	-	143	296
North Dakota-----	-	1	-	2	-	1	-	-	-	-	171	48
South Dakota-----	-	1	2	8	-	-	-	-	-	-	29	19
Nebraska-----	1	-	14	1	1	-	-	-	-	-	4	23
Kansas-----	-	-	9	6	-	-	-	-	-	-	3	195
SOUTH ATLANTIC-----	2	9	69	68	-	3	2	2	-	-	1,315	2,606
Delaware-----	-	-	-	1	-	-	-	-	-	-	5	11
Maryland-----	-	-	-	4	-	-	-	-	-	-	24	556
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	22	110
Virginia-----	-	-	4	2	-	-	-	-	-	-	109	891
West Virginia-----	1	-	4	2	-	-	1	-	-	-	94	381
North Carolina-----	1	-	9	21	-	-	1	-	-	-	44	310
South Carolina-----	-	-	20	6	-	-	-	-	-	-	269	120
Georgia-----	-	-	9	8	-	-	-	-	-	-	392	121
Florida-----	-	9	23	24	-	3	-	2	-	-	356	106
EAST SOUTH CENTRAL-----	2	1	27	36	2	-	-	-	-	-	1,767	1,260
Kentucky-----	-	1	2	11	-	-	-	-	-	-	878	684
Tennessee-----	-	-	6	6	-	-	-	-	-	-	451	408
Alabama-----	-	-	6	1	-	-	-	-	-	-	358	129
Mississippi-----	2	-	13	18	2	-	-	-	-	-	80	39
WEST SOUTH CENTRAL-----	12	11	96	162	6	6	5	-	-	-	2,381	3,669
Arkansas-----	-	-	5	9	-	-	-	-	-	-	193	445
Louisiana-----	4	-	16	25	3	-	1	-	-	-	10	35
Oklahoma-----	1	-	6	7	-	-	-	-	-	-	53	487
Texas-----	7	11	69	121	3	6	4	-	-	-	2,125	2,702
MOUNTAIN-----	2	1	34	52	1	1	-	-	-	-	2,014	1,569
Montana-----	-	-	2	4	-	-	-	-	-	-	43	328
Idaho-----	-	-	1	5	-	-	-	-	-	-	89	22
Wyoming-----	-	-	1	2	-	-	-	-	-	-	5	106
Colorado-----	-	-	5	5	-	-	-	-	-	-	97	795
New Mexico-----	-	-	3	2	-	-	-	-	-	-	210	53
Arizona-----	1	1	9	25	1	1	-	-	-	-	307	230
Utah-----	1	-	11	3	-	-	-	-	-	-	1,189	34
Nevada-----	-	-	2	6	-	-	-	-	-	-	74	1
PACIFIC-----	7	27	93	338	5	15	2	10	-	-	3,708	1,441
Washington-----	-	3	2	19	-	1	-	-	-	-	702	404
Oregon-----	-	1	8	24	-	-	-	1	-	-	481	57
California-----	7	23	83	295	5	14	2	9	-	-	2,525	980
Alaska-----	-	-	1	1	-	-	-	-	-	-	5	8
Hawaii-----	-	-	2	37	-	-	-	-	-	-	291	17
Puerto Rico-----	-	-	4	5	-	-	-	-	-	-	76	20

<sup>1</sup>Includes cases not specified by type, category number 080.3.

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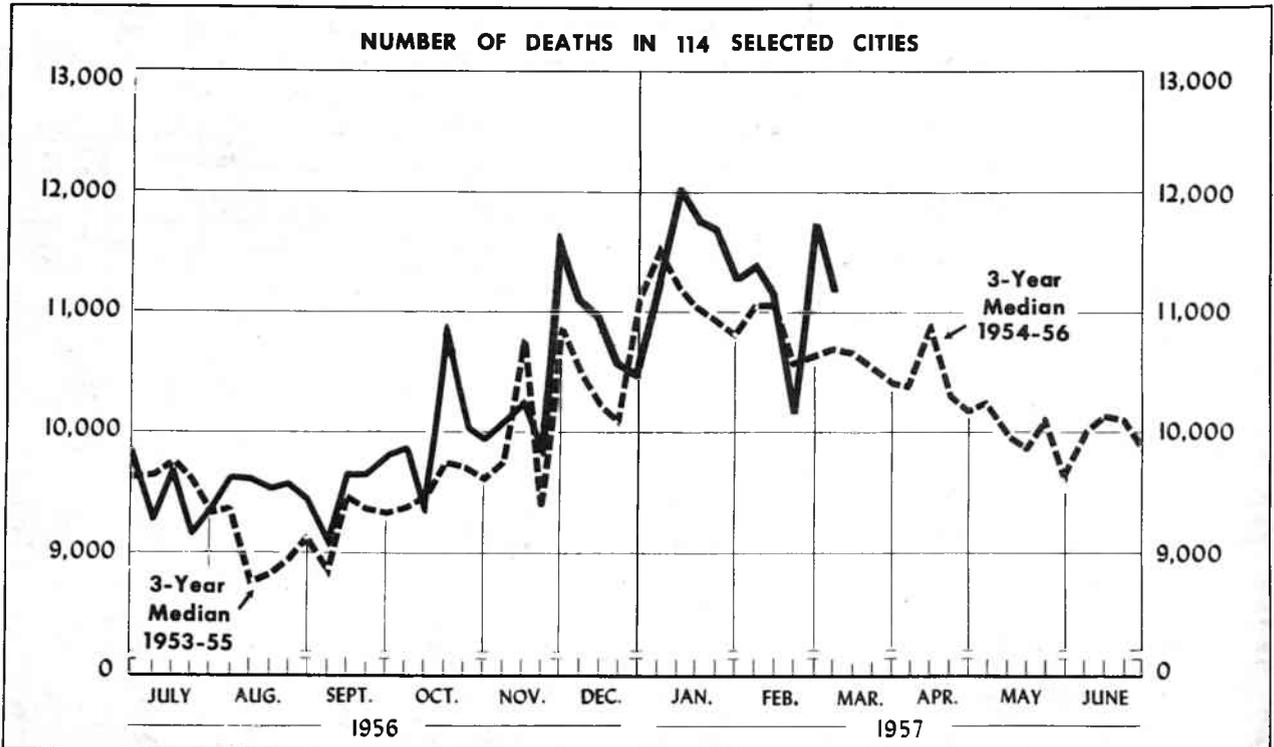
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 10, 1956 AND MARCH 9, 1957—Continued**

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		10th week		Cumulative first 10 weeks		101		
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES-----	65	67	32	7	5	16	24	206	248	-	99	99
NEW ENGLAND-----	6	2	2	1	-	1	3	8	6	-	-	-
Maine-----	-	2	1	-	-	1	2	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	3	-	1	-	-	-	-	2	2	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	2	-	-	-	-
Connecticut-----	3	-	-	1	-	1	-	2	2	-	-	-
MIDDLE ATLANTIC-----	14	8	-	1	2	-	3	23	38	-	3	10
New York-----	8	4	-	1	2	-	1	8	13	-	3	7
New Jersey-----	2	3	-	-	-	-	-	7	2	-	-	-
Pennsylvania-----	4	1	-	-	-	2	-	8	23	-	-	3
EAST NORTH CENTRAL-----	13	14	4	-	-	2	5	26	31	-	6	17
Ohio-----	2	4	-	-	-	-	3	13	9	-	-	7
Indiana-----	2	4	-	-	-	2	-	5	4	-	1	8
Illinois-----	3	2	4	-	-	-	1	2	5	-	1	1
Michigan-----	3	3	-	-	-	-	-	5	6	-	3	1
Wisconsin-----	3	1	-	-	-	1	-	1	7	-	1	-
WEST NORTH CENTRAL-----	2	6	1	3	1	3	3	19	46	-	17	4
Minnesota-----	-	1	-	3	1	-	1	2	22	-	3	1
Iowa-----	-	-	1	-	-	-	1	4	7	-	6	-
Missouri-----	1	2	-	-	-	1	1	8	7	-	7	3
North Dakota-----	-	-	-	-	-	-	-	-	4	-	1	-
South Dakota-----	-	1	-	-	-	1	-	3	2	-	-	-
Nebraska-----	1	-	-	-	-	-	-	-	4	-	-	-
Kansas-----	-	2	-	-	-	1	-	2	-	-	-	-
SOUTH ATLANTIC-----	7	4	11	-	2	3	4	41	36	-	26	30
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	2
Maryland-----	-	-	-	-	-	-	-	1	2	-	-	-
District of Columbia-----	-	-	1	-	-	1	2	1	1	-	-	-
Virginia-----	1	1	4	-	-	-	-	8	1	-	4	8
West Virginia-----	2	-	1	-	-	1	7	7	6	-	3	5
North Carolina-----	1	1	-	-	2	2	1	8	7	-	4	1
South Carolina-----	-	-	4	-	-	-	-	2	6	-	2	8
Georgia-----	2	-	1	-	-	1	1	4	5	-	5	3
Florida-----	1	2	-	-	-	1	-	9	7	-	8	3
EAST SOUTH CENTRAL-----	9	2	5	1	-	4	-	32	27	-	17	13
Kentucky-----	-	-	-	-	-	2	-	7	6	-	7	3
Tennessee-----	1	-	3	1	-	2	-	14	13	-	2	2
Alabama-----	6	1	-	-	-	-	-	2	1	-	8	8
Mississippi-----	2	1	2	-	-	-	-	9	7	-	-	-
WEST SOUTH CENTRAL-----	4	17	8	-	-	3	1	34	37	-	27	18
Arkansas-----	-	-	-	-	-	1	-	6	7	-	6	4
Louisiana-----	1	7	-	-	-	2	1	12	7	-	9	-
Oklahoma-----	3	-	5	-	-	-	-	5	6	-	1	-
Texas-----	-	10	3	-	-	-	-	11	17	-	11	14
MOUNTAIN-----	4	3	-	-	-	-	2	12	7	-	-	2
Montana-----	1	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	1	-	-	-	-	-	1	-	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	1	2	2	-	-	-
New Mexico-----	1	-	-	-	-	-	-	6	4	-	-	1
Arizona-----	1	2	-	-	-	1	2	1	1	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	11	1	1	-	-	3	11	20	-	3	5
Washington-----	2	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	1	1	-	-	-	1	3	-	-	-
California-----	4	9	-	-	-	-	3	10	17	-	3	5
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	3	-	-	-	2	8	11	-	1	-

Symbol.—1 dash [-]: no cases reported.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS**

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	10th week ended Mar. 9, 1957	9th week ended Mar. 2, 1957	10th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 10 WEEKS		
					1957	1956	Percent change
<b>TOTAL: 108 REPORTING CITIES-----</b>	<b>10,737</b>	<b>11,275</b>	<b>10,167</b>	<b>+5.6</b>	<b>109,271</b>	<b>107,013</b>	<b>+2.1</b>
New England----- (12 cities)	459	493	402	+14.2	4,425	4,193	+5.5
Middle Atlantic----- (19 cities)	3,303	3,385	3,208	+3.0	32,774	32,190	+1.8
East North Central----- (18 cities)	2,262	2,497	2,139	+5.8	23,955	23,929	+0.1
West North Central----- (8 cities)	772	879	669	+15.4	7,653	7,529	+1.6
South Atlantic----- (10 cities)	881	908	858	+2.7	9,268	9,108	+1.8
East South Central----- (8 cities)	456	437	471	-3.2	4,961	5,082	-2.4
West South Central----- (13 cities)	993	918	776	+28.0	9,482	8,789	+7.9
Mountain----- (8 cities)	282	273	256	+10.2	2,775	2,563	+8.3
Pacific----- (12 cities)	1,329	1,485	1,362	-2.4	13,978	13,630	+2.6

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

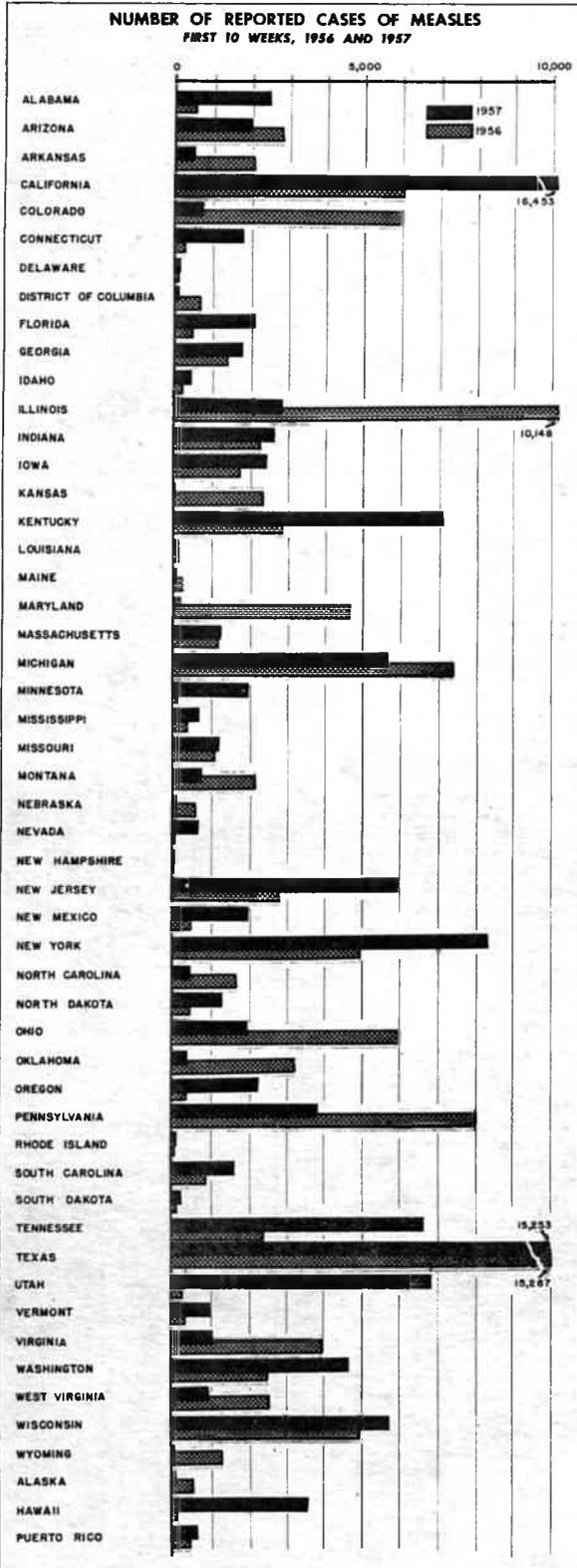
AREA	10th week ended Mar. 9, 1957	9th week ended Mar. 2, 1957	CUMULATIVE NUMBER FIRST 10 WEEKS		AREA	10th week ended Mar. 9, 1957	9th week ended Mar. 2, 1957	CUMULATIVE NUMBER FIRST 10 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	---	(275)	---	(2,536)	St. Louis, Mo.-----	266	290	2,502	2,620
Bridgeport, Conn.-----	40	36	399	359	St. Paul, Minn.-----	66	84	686	678
Cambridge, Mass.-----	34	33	332	317	Wichita, Kans.-----	34	47	445	418
Fall River, Mass.-----	37	41	285	290	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	57	68	555	496	Atlanta, Ga.-----	115	107	1,180	1,155
Lowell, Mass.-----	31	28	276	246	Baltimore, Md.-----	261	206	2,503	2,510
Lynn, Mass.-----	24	20	239	207	Charlotte, N. C.-----	27	47	360	356
New Bedford, Mass.-----	24	47	299	250	Jacksonville, Fla.-----	54	69	567	574
New Haven, Conn.-----	50	60	501	529	Miami, Fla.-----	60	56	535	587
Providence, R. I.-----	64	76	673	634	Norfolk, Va.-----	---	(43)	---	(356)
Somerville, Mass.-----	15	16	146	157	Richmond, Va.-----	67	80	775	731
Springfield, Mass.-----	51	48	460	441	Savannah, Ga.-----	28	35	326	293
Waterbury, Conn.-----	32	20	260	267	Tampa, Fla.-----	53	84	671	629
Worcester, Mass.-----	---	(67)	---	(533)	Washington, D. C.-----	180	185	1,951	1,926
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	36	39	400	347
Albany, N. Y.-----	55	70	526	505	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.-----	36	36	389	375	Birmingham, Ala.-----	70	64	787	828
Buffalo, N. Y.-----	164	133	1,531	1,476	Chattanooga, Tenn.-----	41	46	496	440
Camden, N. J.-----	43	51	418	394	Knoxville, Tenn.-----	28	21	304	417
Elizabeth, N. J.-----	31	30	273	292	Louisville, Ky.-----	121	81	1,117	1,157
Erie, Pa.-----	34	39	367	357	Memphis, Tenn.-----	85	114	1,046	1,052
Jersey City, N. J.-----	77	84	735	755	Mobile, Ala.-----	29	23	330	342
Newark, N. J.-----	121	128	1,126	1,035	Montgomery, Ala.-----	21	28	250	296
New York City, N. Y.-----	1,629	1,681	16,873	16,280	Nashville, Tenn.-----	61	60	631	550
Paterson, N. J.-----	43	51	404	369	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.-----	556	499	4,830	4,990	Austin, Tex.-----	37	33	331	310
Pittsburgh, Pa.-----	181	217	1,895	2,018	Baton Rouge, La.-----	25	26	281	239
Reading, Pa.-----	---	(29)	---	(219)	Corpus Christi, Tex.-----	24	18	191	195
Rochester, N. Y.-----	108	108	1,013	1,006	Dallas, Tex.-----	120	91	1,139	1,031
Schenectady, N. Y.-----	21	26	230	233	El Paso, Tex.-----	31	24	296	303
Scranton, Pa.-----	33	43	401	351	Fort Worth, Tex.-----	64	85	641	603
Syracuse, N. Y.-----	54	74	602	638	Houston, Tex.-----	167	176	1,569	1,362
Trenton, N. J.-----	62	60	508	466	Little Rock, Ark.-----	54	49	573	496
Utica, N. Y.-----	30	32	320	325	New Orleans, La.-----	212	173	1,799	1,771
Yonkers, N. Y.-----	25	23	333	325	Oklahoma City, Okla.-----	52	78	633	642
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.-----	75	96	995	896
Akron, Ohio-----	55	51	551	529	Shreveport, La.-----	43	41	509	475
Canton, Ohio-----	25	26	320	271	Tulsa, Okla.-----	89	28	525	466
Chicago, Ill.-----	737	804	7,842	7,904	<b>MOUNTAIN</b>				
Cincinnati, Ohio-----	185	171	1,648	1,712	Albuquerque, N. Mex.-----	27	19	258	236
Cleveland, Ohio-----	212	208	2,193	2,093	Colorado Springs, Colo.-----	8	25	134	146
Columbus, Ohio-----	96	148	1,130	1,120	Denver, Colo.-----	113	108	1,174	1,133
Dayton, Ohio-----	80	90	778	696	Ogden, Utah-----	12	13	128	124
Detroit, Mich.-----	293	339	3,352	3,384	Phoenix, Ariz.-----	38	29	325	290
Evansville, Ind.-----	30	33	306	379	Pueblo, Colo.-----	20	12	133	123
Flint, Mich.-----	30	38	378	390	Salt Lake City, Utah-----	44	40	420	457
Fort Wayne, Ind.-----	48	33	368	388	Tucson, Ariz.-----	20	27	203	54
Gary, Ind.-----	---	(36)	---	(300)	<b>PACIFIC</b>				
Grand Rapids, Mich.-----	39	50	410	425	Berkeley, Calif.-----	18	17	206	206
Indianapolis, Ind.-----	111	143	1,244	1,209	Long Beach, Calif.-----	56	59	581	569
Milwaukee, Wis.-----	138	157	1,337	1,294	Los Angeles, Calif.-----	480	580	5,096	5,125
Peoria, Ill.-----	27	24	289	287	Oakland, Calif.-----	95	90	1,036	942
South Bend, Ind.-----	21	25	246	249	Pasadena, Calif.-----	41	38	403	389
Toledo, Ohio-----	86	95	965	1,024	Portland, Oreg.-----	100	91	993	1,024
Youngstown, Ohio-----	49	62	598	575	Sacramento, Calif.-----	46	60	543	492
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.-----	64	89	856	744
Des Moines, Iowa-----	52	49	542	543	San Francisco, Calif.-----	194	215	2,033	2,069
Duluth, Minn.-----	25	30	284	247	Seattle, Wash.-----	145	162	1,356	1,261
Kansas City, Kans.-----	---	---	---	(319)	Spokane, Wash.-----	47	50	471	443
Kansas City, Mo.-----	131	135	1,180	1,089	Tacoma, Wash.-----	43	34	404	366
Minneapolis, Minn.-----	135	163	1,299	1,261	Honolulu, Hawaii-----	(36)	(59)	(421)	(350)
Omaha, Nebr.-----	63	81	715	673					

Symbols.—parentheses [ ( ) ] : data not included in table 3; 3 dashes [ --- ] : data not available.

# Morbidity and Mortality Weekly Report

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.



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